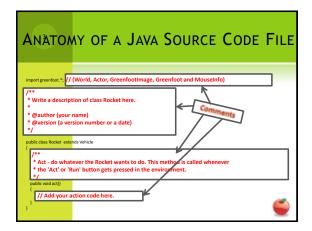
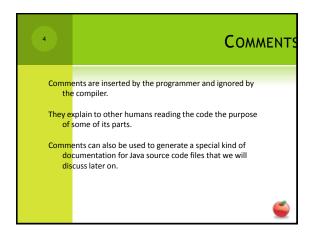
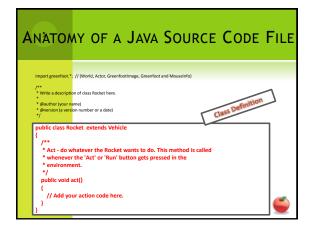
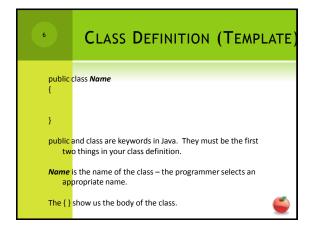
CSE 113 B September 7 – 11, 2009

2	Announcements
	Lab 1 posted on course website – due 10/2
	 If you are having trouble logging into the computers in the lab or the Web-CAT website that we will be using for submission, please email me.
	 Turn in signed last page of syllabus by 9/14.
	•



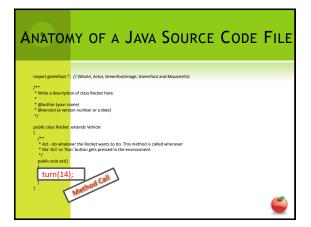






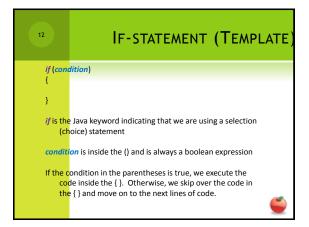
ANATOMY OF A JAVA SOURCE CODE	FILE
import greenfoot.*; // (World, Actor, Greenfootimage, Greenfoot and Mouseinfo)	
/** *Write a description of class Rocket here.	
@author (your name) @eversion (a version number or a date) //	
public class Rocket extends Vehicle	
*Act - do whatelever the Rocket wants to do. This method is called whenever *the 'Act or 'Run' button gets pressed in the environment. public void act() {	
public void act() { // Add your action code here. }	

8	METHOD DEFINITION (TEMPLATE)
public r	eturnType methodName ()
·	
}	
	a repeat of the keyword we saw previously – it must be the tword in your method definition.
	<i>ype</i> is the type of information returned from the method – void othing is returned.
	Name is the name of the method – the programmer selects an propriate name
ren	parameter list – if no parameters are needed, then the () nain empty. If parameters are needed, they are listed by their e and also given a name.
	how us the body of the method – where we will write what the thod will do.



nameOfMethod (value); nameOfMethod is the name of the method you are calling (invoking) value is the actual value for a parameter. If no parameters are indicated for the method, then value is omitted and the parentheses remain empty.

11	Decisions
	 One of the things programs often do is make decisions on what to do next.
	 We saw this when we wanted to do something special if our actor reached the end of the world.
	 There are many ways to get Java programs to react differently under different circumstances – we are only going to focus on if-statements this semester as a mechanism of choice (selection) in our programs.
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13	RANDOMIZING BEHAVIOR
	 Up until this point, the actor behaved the exact same way each time the act method was called.
	 It checked to see if it was at the edge of the world. If it was, it turned.
	 It checked to see if it could see another car. If it did, it turned.
	⊙ It moved.
	If we want to randomize the behavior of the actor, we need to insert code to do that.
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